

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1293287

Luminaire Tested: P3AS09R40W2N902750DE010 E3DLP1LI\_2700K

Issue Date: 1/30/2026

**Test Information**

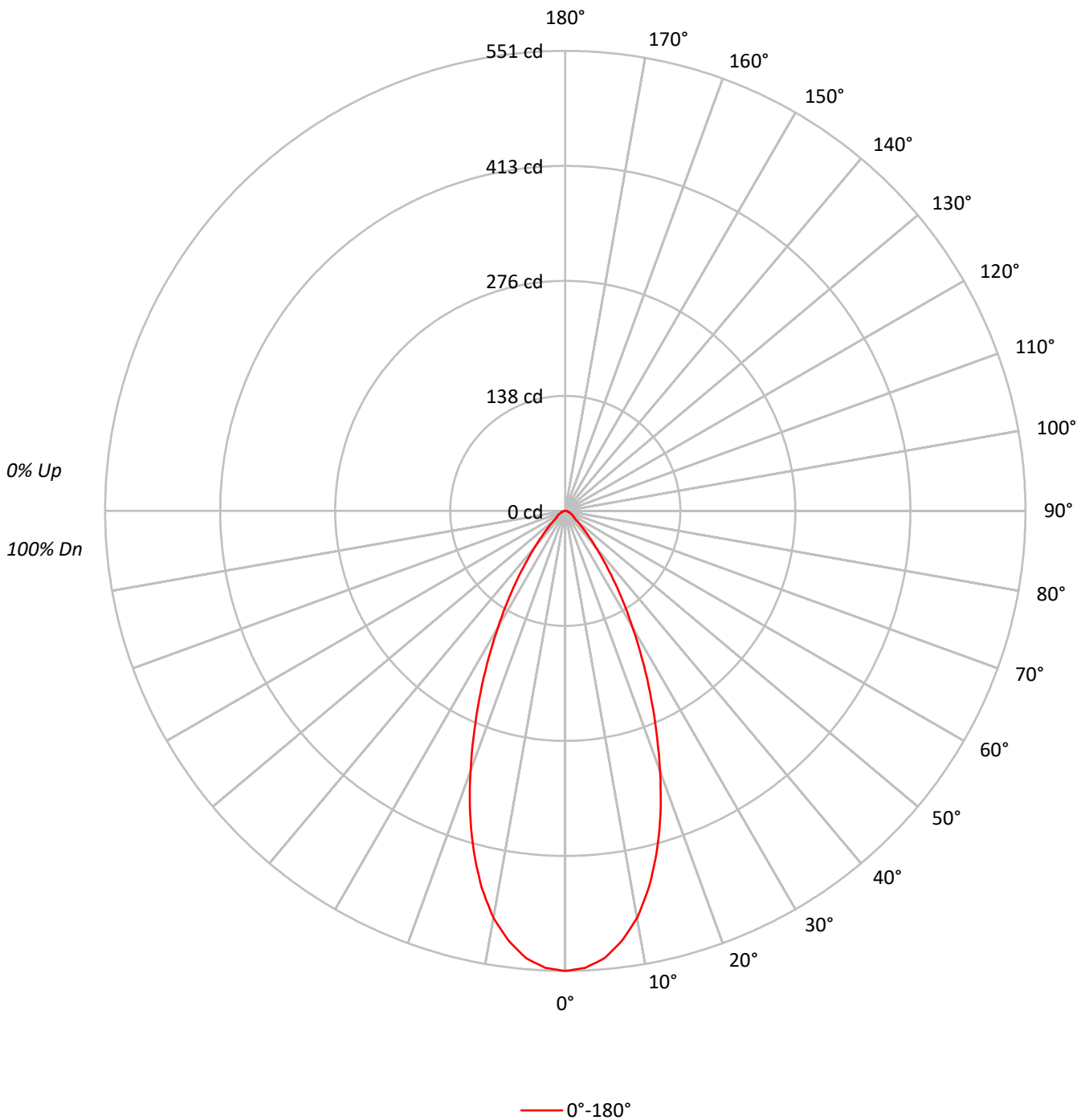
Test Method: LM-79-2019  
Report Number: P1293287  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R40W2N902750DE010 E3DLP1LI\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 2700K CCT AND, 90CRI ,  
E3DLP1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 388.0 lumens  
Efficiency: N/A  
Efficacy: 43.1 lumens/watt  
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P1293287  
CATALOG NUMBER: P3AS09R40W2N902750DE010 E3DLP1LI\_2700K

### Luminous Intensity Polar Plot





TEST NUMBER: P1293287

CATALOG NUMBER: P3AS09R40W2N902750DE010 E3DLP1LI\_2700K

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	95	95	95	93
2	107	102	98	95	105	101	97	93	97	94	91	94	92	89	92	89	88	88	88	88	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	83	86	84	81	81	81	81	80
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	76	76	76	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	71	71	71	69
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	66	66	66	65
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	62	62	62	62	61
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	59	59	59	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	56	56	56	54
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	53	53	53	51

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	120824
5°	118380
10°	110218
15°	96050
20°	77403
25°	58019
30°	40791
35°	26716
40°	16173
45°	9675
50°	5765
55°	4626
60°	4166
65°	3580
70°	3398
75°	2711
80°	2652
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 9675 cd/sqm



TEST NUMBER: P1293287

CATALOG NUMBER: P3AS09R40W2N902750DE010 E3DLP1LI\_2700K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	49.9	12.9
10°-20°	116.5	30.0
20°-30°	109.8	28.3
30°-40°	63.5	16.4
40°-50°	25.3	6.5
50°-60°	11.2	2.9
60°-70°	6.9	1.8
70°-80°	3.6	0.9
80°-90°	1.2	0.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	276.3	71.2
0°-40°	339.8	87.6
0°-60°	376.3	97.0
0°-90°	388.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	388.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	551	
5°	538	50
15°	423	117
25°	240	110
35°	100	63
45°	31	25
55°	12	11
65°	7	7
75°	3	4
85°	1	1
90°	0	



TEST NUMBER: P1293287

CATALOG NUMBER: P3AS09R40W2N902750DE010 E3DLP1LI\_2700K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	551.0
2.5°	547.8
5°	537.8
7.5°	519.3
10°	495.0
12.5°	462.2
15°	423.1
17.5°	379.3
20°	331.7
22.5°	284.2
25°	239.8
27.5°	198.6
30°	161.1
32.5°	128.4
35°	99.8
37.5°	75.5
40°	56.5
42.5°	42.3
45°	31.2
47.5°	22.7
50°	16.9
52.5°	13.7
55°	12.1
57.5°	11.1
60°	9.5
62.5°	7.9
65°	6.9
67.5°	5.8
70°	5.3
72.5°	4.2
75°	3.2
77.5°	2.6
80°	2.1
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)